27-31S-32W

FORM MUST BE TYPED — SIDE ONE

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

COPY

API NO. 15- 175-21,306

County Seward

SE - NW - NW - Sec. 27 Twp. 31S Rge. 32 E/W

1250 Feet from S/N (circle one) Line of Section

1250 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Operator: License # 04782 KCC

Name: Ensign Operating Co.

Address 621 17th St. MAY 24

Suite 1800 CONFIDENTIAL

City/State/Zip Denver, CO 80293

Purchaser:

Operator Contact Person: J. C. Simmons

Phone (303) 293-9999

Contractor: Name: Gabbert-Jones Rig #11

License: 5482

Wellsite Geologist: Reed Wacker

Lease Name Stoll Well # 3-27

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 2848 KB 2853

Total Depth PBTD 2694

Amount of Surface Pipe Set and Cemented at 595 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from 2695

feet depth to surface w/ 375 sx cmt.

Designate Type of Completion
X New Well ___ Re-Entry ___ Workover

___ Oil ___ SWD ___ SIOW ___ Temp. Abd.
X Gas ___ ENHR ___ SIGW
___ Dry ___ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator:

Well Name:

Comp. Date Old Total Depth

___ Deepening ___ Re-perf. ___ Conv. to Inj/SWD
___ Plug Back PBTD
___ Commingled Docket No.
___ Dual Completion Docket No.
___ Other (SWD or Inj?) Docket No.

4-3-93 Spud Date | 4-6-93 Date Reached TD | 5-7-93 Completion Date

Drilling Fluid Management Plan 6-4-93
(Data must be collected from the Reserve Pit)

Chloride content 30,000 ppm Fluid volume 2750 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name RELEASED

Lease Name License No. JUN 1 1996

Quarter Sec. Twp. S Rng. E/W

County Docket No. FROM CONFIDENTIAL

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Connie Smith

Title Sr. Engineering Technician Date 5/24/93

Subscribed and sworn to before me this 24th day of May 19 93.

Notary Public Kristina Rayl

Date Commission Expires 11-21-93

NOTARY PUBLIC KRISTINA RAYL STATE OF COLORADO

RECEIVED
STATE CORPORATION COMMISSION
MAY 26 1993
CONSERVATION DIVISION
Wichita, Kansas

K.C.C. OFFICE USE ONLY
F ___ Letter of Confidentiality Attached
C ___ Wireline Log Received
C ___ Geologist Report Received

Distribution
KCC ___ SWD/Rep ___ NGPA
KGS ___ Plug ___ Other (Specify)

Form ACO-1 (7-91)

SIDE TWO

Operator Name Ensign Operating Co. Lease Name Stoll Well # 3-27

Sec. 27 Twp. 31S Rge. 32 ☐ East ☒ West County Seward

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.) ☐ Yes ☒ No

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☐ Yes ☒ No

Electric Log Run (Submit Copy.) ☐ Yes ☒ No

List All E.Logs Run:

See attached

☒ Log Formation (Top), Depth and Datums ☐ Sample

Name | Top | Datum

See attached

CASING RECORD ☐ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4	8 5/8	24	595	65/35 Poz	200	6% Gel, ¼#/sk Flocele
					Class "H"	150	2% cc 3% cc
Production	7 7/8	4 1/2	10.5	2695	HLC	200	¼#/sk FLOCELE
					Class "H"	175	.6% HALAD 322

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top	Depth Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate					
___ Protect Casing					
___ Plug Back TD					
___ Plug Off Zone					

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1 sp 2'	2614-18	7½% Fe-HCl - 50 gals/perf	
1 sp 2'	2644-46	16,800 gals foamed 50% qlty 28%	
1 sp 2'	2654-62	Fe-HCl	
1 sp 2'	2676-84	DISPL w/84,000 SCF Nitrogen 500 gals of foamed 50% qlty 28% Fe-HCl - flush w/21,800 scf nitroge	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	2665		☐ Yes ☐ No

Date of First, Resumed Production, SWD or Inj.	Producing Method
SI - WOPL	☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	0		200		0			

Disposition of Gas: ☐ Vented ☐ Sold ☒ Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify)

Production Interval: Chase

27-31S-32W

ORIGINAL

KCC

MAY 24

CONFIDENTIAL

COPY

ATTACHMENT

To Well Completion Form ACO-1 Well History
Stoll #3-27

15-175-21306

Name	Top	Datum
Flowerpot Shale	1120	+1733
Glorietta SS	1196	+1657
Base Glorietta	1348	+1505
Stone Corral	1634	+1219
Base Stone Corral	1727	+1126
Hutchinson Salt	2218	+ 635
Base Last Salt	2322	+ 531
Chase Herrington	2612	+ 241
Upper Krider	2640	+ 213
Lower Krider	2670	+ 183

RELEASED

APR 1 1996

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

MAY 26 1993

CONSERVATION DIVISION
Wichita, Kansas

27-31S-32W

ORIGINAL

GABBERT-JONES, INC.
WICHITA, KANSAS

- DRILLERS' WELL LOG -

COPY

WELL NAME: STOLL #3-27
SE-NW-NW SEC: 27-31S-32W
SEWARD COUNTY, KANSAS

15-175-21306

COMMENCED: 4-3-93
COMPLETED: 4-6-93
OPERATOR: ENSIGN OPERATING, INC.

DEPTH From	To	FORMATION	REMARKS
0	475	sand	
475	598	sand-redbed-gyp	Ran 14jts of 24#8 5/8"
598	990	redbed	csg LD @ 596'w/200sks
990	1200	redbed-gyp	Howcolite class C-¼#
1200	1335	sand	FS-2%CC- 150sks class H
1335	1825	redbed-gyp	Lite 3%CC
18.	2110	redbed-gyp-shale	PD @ 11:45pm 4-3-93
2110	2695	lime-shale	

2695-TD

RELEASED

APR 1 1996

FROM CONFIDENTIAL

Ran 83jts of 10½#4½"
csg LD @2694'w/200sks
HLC ¼#FS - 75sks
class H - 6%Halid 322
PD @ 6:00pm 4-6-93
RR @ 7:00pm 4-6-93

STATE OF KANSAS]
COUNTY OF SEDGWICK]

I, the undersigned, being duly sworn on oath, state that the above Drillers' Well Log is true and correct to the best of my knowledge and belief and according to the records of this office.

GABBERT-JONES, INC.

James S. Sutton, II - President

Subscribed & sworn to before me t' 12th day of April 1993

Brenda L. Raple, Notary Public

My commission expires October 16, 1996.

NOTARY PUBLIC - State of Kansas
BRENDA L. RAPLE
My Appt. Exp.

RECEIVED
STATE CORPORATION COMMISSION
MAY 26 1993
CONSERVATION DIVISION
Wichita, Kansas